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PTO/SB/21 (02-04)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/763,810	
	Filing Date	01/23/2004	
	First Named Inventor	BAMDAD, Cynthia C.	
	Art Unit	1641	
	Examiner Name	Deborah A. Davis	
Total Number of Pages in This Submission	6	Attorney Docket Number	M1015.70054US01

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/08A, PTO/SB/08B, and copies of the cited references A1-A3, C1-C3; Credit Card Payment Form for \$180; and Return Receipt Postcard
<b>Remarks</b> Total Number of Pages in Submission does not include references.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Joseph Hyosuk Kim, Ph.D. Reg. No. 41,425 JHK Law
Signature	<i>Harry Sung Lee</i> , Reg. No. 56,814
Date	November 18, 2005

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Typed or printed name	Harry Sung Lee
Signature	<i>Harry Sung Lee</i>
Date	November 18, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Harry Lee

Applicant: **BAMDAD, Cynthia C.**  
 Serial No.: **10/763,810**  
 Filed: **01/23/2004**  
 Confirmation No.: **5010**  
 Title: **DETECTION OF BINDING SPECIES WITH COLLOIDAL AND NON-COLLOIDAL STRUCTURES**  
 Examiner: **Deborah A. Davis**  
 Art Unit: **1641**  
 Attorney Docket No.: **M1015.70054US01**

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed below and on the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Copies of the cited documents are enclosed.

11/22/2005 CCHAU1 00000036 10763810  
 01 FC:1806 180.00 OP

### English Language Documents:

US 5,620,850, BAMDAD et al., April 15, 1997
U.S. Patent Application No. 09/602,778, BAMDAD et al., filed June 23, 2000
U.S. Patent Application No. 09/631,818, BAMDAD et al., filed August 3, 2000
LAIBINIS et al., "Orthogonal Self-Assembled Monolayers: Alkanethiols on Gold and Alkane Carboxylic Acids on Alumina", <i>Science</i> (1989), 245: 845-847

BAIN et al., "Formation of Monolayers by the Coadsorption of Thiols on Gold: Variation in the Length of the Alkyl Chain", *J. Am. Chem. Soc.* (1989), 111: 7164-7175

BAIN et al., "Formation of Monolayers by the Coadsorption of Thiols on Gold: Variation in the Head Group, Tail Group, and Solvent", *J. Am. Chem. Soc.* (1989), 111: 7155-7164

It is respectfully requested that the Examiner indicate consideration of the cited references by returning copies of the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) with initials or other appropriate marks, and that the references be made of record as cited references in the application.

The Commissioner is authorized to charge JHK Law's Deposit Account No. **502486** for any fees required under 37 CFR §§ 1.16 and 1.17 that are not covered, in whole or in part, by a credit card payment form enclosed herewith and to credit any overpayment to said Deposit Account No. **502486**.

Respectfully submitted,

 Reg. No. 56,814

November 18, 2005

Date

Joseph Hyosuk Kim, Ph.D.  
Reg. No. 41,425  
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Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet

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**Complete if Known**

Application Number	10/763,810
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First Named Inventor	BAMDAD, Cynthia C.
Art Unit	1641
Examiner Name	Deborah A. Davis
Attorney Docket Number	M1015.70054US01

## U. S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

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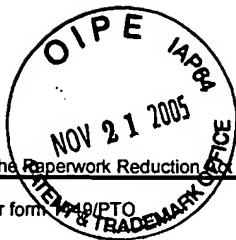
**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Examiner Name	Deborah A. Davis
Attorney Docket Number	M1015.70054US01

Sheet

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of

1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	LAIBINIS et al., "Orthogonal Self-Assembled Monolayers: Alkanethiols on Gold and Alkane Carboxylic Acids on Alumina", Science (1989), 245: 845-847	
	C2	BAIN et al., "Formation of Monolayers by the Coadsorption of Thiols on Gold: Variation in the Length of the Alkyl Chain", J. Am. Chem. Soc. (1989), 111(18): 7164-7175	
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Examiner  
Signature

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Considered

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